C. EDENFELDT.

CHANGE DELIVERING DEVICE.

APPLICATION FILED JULY 8, 1911.

1,039,913.

Patented Oct. 1, 1912.

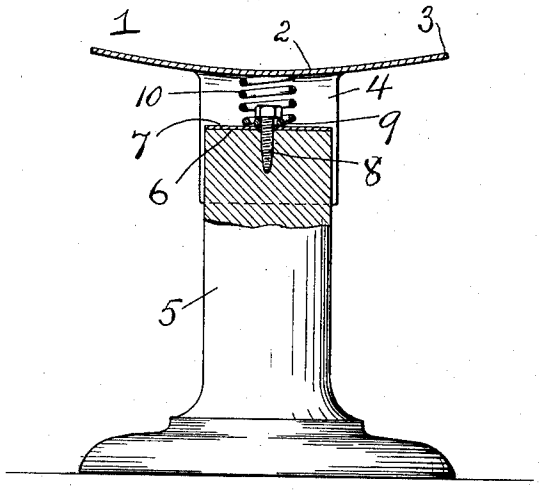

Fig. 2

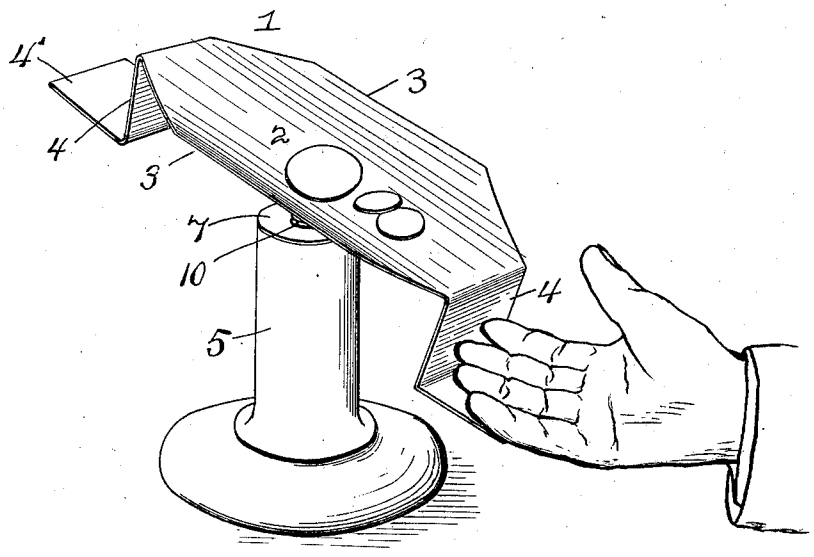

Fig. 1

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CARL EDENFELDT, OF SEATTLE, WASHINGTON, ASSIGNOR OF ONE-THIRD TO VIVIAN R. NIMS AND ONE-THIRD TO VIRGIL R. WOODWARD, BOTH OF SEATTLE, WASHINGTON.

CHANGE-DELIVERING DEVICE.

1,039,913. Specification of Letters Patent. Patented Oct. 1, 1912.

Application filed July 8, 1911. Serial No. 637,579.

To all whom it may concern:

Be it known that I, CARL EDENFELDT, a subject of the King of Sweden, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Change-Delivering Devices, of which the following is a specification.

This invention relates to improvements in change handlers.

The object of my improvements is the provision of a device of simple construction to receive coins in change and deliver same to the store's patron without necessitating his picking them separately from the counter.

The invention consists in the novel construction of a coin receiving tray and a suitable support therefor, and a flexible connection between said tray and support affording tilting and horizontal rotary movements of the tray relative to the support.

The invention further consists in the adaptation and combination of novel devices for the purposes and uses set forth as will be hereinafter more fuly described and claimed.

In the drawings, Figure 1 is a perspective view of an embodiment of my invention and pictorially representing a manner of using the same. Fig. 2 is an end elevation, partly in section, of the invention.

In the drawings, the reference numeral 1 designates a tray into which the coins are deposited. Said tray is desirably formed of relatively thin material, as sheet metal, suitably plated or lacquered. The upper coin-receiving portion 2 may be slightly concave or, as shown, with lateral walls 3 curving upwardly somewhat from its medial portion to provide a straight bottom along the longitudinal axis of the tray.

4 are depending integral arms at each end of the tray each having a horizontally disposed extension 4′ to provide a rest for the hand of the user in tilting the tray and receiving change.

5 is a pedestal upon which the tray is mounted and is formed at its upper end with a plane circular face 6 upon which is mounted a centrally apertured disk 7. 8 is a screw-pointed stud screwed in the vertical axis of the pedestal and provided with a metal washer 9. Said disk is adapted to move freely in horizontal rotary directions upon the pedestal and about said stud.

10 is a relatively short spiral of spring material having one of its ends fixedly secured to the underside of the tray at the intersection of the longitudinal and transverse axes thereof and its other end secured in like manner to said disk in axial alinement with the stud 8.

The tray is flexibly mounted to normally retain its equilibrium in a horizontal position. It is arranged to incline in any directon when pressure is applied but tilts most freely in directions of its greatest length. When coins are deposited in the tray the recipient places his open hand upon the extension 4′ of the tray with sufficient weight to incline the tray in his direction in the manner illustrated in Fig. 1 whereupon the coins will slide into the open hand. Upon the removal of the weight of the hand from the depressed arm the tray resumes its normal position.

The device is desirably located upon the counter of a store in proximity of the change drawer or cash register and within easy reach of both cashier and customer and its sides may be respectively disposed to face the said users to allow of their use of either hand in its operation.

By reason of the swivel connection of the tray to the pedestal the former may be rotatably moved in one horizontal direction or the other without shifting the position of the pedestal, and therefore allowing the latter to be fixedly secured to the counter or a substitute provided therefor in the form of a bracket that may be secured to the side of a cashier's window.

Having described my invention, what I claim as new and desire to secure by Letters-Patent, is—

In a change-delivering device, a supporting pedestal having a flat circular upper end, a rotatable disk flatly mounted on the upper end of the pedestal and of the same diameter as the latter, a screw stud passing

through the disk and into the upper end of the pedestal, a washer carried by said screw stud, a short coiled spring secured at one end to said disk and surrounding said stud and washer, and a tray to which the other end of said spring is attached centrally of the bottom of the tray, said tray being concave in cross-section and having depending ends provided with horizontally-projecting extensions.

CARL EDENFELDT.

Witnesses:
VIVIAN R. NIMS,
VIRGIL R. WOODWARD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."